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Warm Spring and Alleghany Mountains, in 1791, with a journal of observations, by Jon. Williams, read.

Specification of a machine for spinning flax, hemp or tow, by Peter Craig, read.

Spanish translation of Williams' Use of the Thermometer in Navigation (Transactions American Philosophical Society, Vol. III), with a review of it by one of the Directors of the Marine Academy of Spain, presented. Also Jones' pamphlet on various methods of finding a true meridian line.

1795. *Dec.* 4. (Collin, Parke, Barton, Currie, Ellicott, Peale, Patterson.)

Cases of cure; two letters from Henry Guest, read.

Miscellaneous Observations on the Western countries, particularly in the neighborhood of Lake Erie; paper from Ellicot [*sic*], read.

On hoar frost; paper by Dr. Caldwell, Philadelphia, read.

1795. *Dec.* 18. (Parke, Barton, Ellicott, Dr. Stevens, Bleakley, J. B. Smith, Patterson.)

Cases of cure; letter from Henry Guest, read.

Effects of heat and vitiated air in the production of diseases; paper from Dr. W. Barnwell, Philadelphia, read.

1796. *Jan'y* 1. (Rittenhouse, and 10 others.)

ELECTION OF OFFICERS.

President—Rittenhouse.
Vice-Presidents—Collin, W. Smith, C. Wistar.
Curators—Peale, B. S. Barton, Parke.
Councillors—Blackwell, McKean, Davidson, Kuhn.
Secretaries—Magaw, W. Barton, Bleakley, Patterson.
Treasurer—Vaughan.

1796. *Jan'y* 15. (18 present.)

Election of 15 new members: Dr. Grassi, late of Bordeaux, now of Philadelphia; Dr. Deveze,* physician of the late Hospital at Bushhill;† Dr. Bedford, of Pittsburgh; Is. Briggs, of Montgomery county, Maryland; La Rochefoucauld Liancour [*sic*], Mem. Société d'Agriculture, Paris, now of Philadelphia; Dr. Hugh Hodge, Philadelphia; J. M. le Fessier de Grandpré; John F. Mifflin; Tench Coxe; and Rich. Peters Smith, of Philadelphia; F. W. Le Comte,‡ of Paris; Jas. Ed. Smith, M.D., F.R.S., President Linnæan Society; Citizen Adet, Minister Plenipotentiary French Republic to United States; W. Dandridge Peck, Kittery, New Hampshire; Jas. Woodhouse, M.D., Professor Chemistry, University, Pennsylvania.

Fifteenth case of cure of cancer; letter from Guest, read.

A pair of globes, "more accurate than any hitherto constructed," as soon as ready, would be given to the Society by W. Jones, London; letter read from him to that effect.

Calculating the Longitude; letter from candidate for the premium, read.

Barton, Patterson, Auditing Committee, "to consider the propriety of vesting the balance . . . . in deferred stock, or some other kind of productive fund, and report . . . ."

St. Mery's two pamphlets on horse breeding.

All the numbers of the Courier de la France up to date, presented by St. Mery, with a promise of continuance.

1796. *Feb'y* 5. (Maddison [*sic*], McKean, Tench Coxe, Dr. Grassi, Citizen Adet, Liancourt, Deveze and 13 others present.)

Audit—Balance, December 3, £35 ·· 3 ·· 11, "belonging to the proper funds of the Society, and £207 ·· 10 ·· 8 belonging to the Magellanic fund." Motion that this last be invested

* Origin of Dewees.

† For yellow fever patients of '93.

‡ This name is printed in Catalogue of March, 1880, as F. H. Le Comte. In the original minutes the letter seems more like *W* than *H*.

in the Insurance Company of North America laid on the table.

Experiments and Observations relating to the analysis of atmospheric air, by Dr. Priestley, paper read.

Thos. Dobson's proposal: Will give for the Society's copyright of Vol. IV, 100 copies in boards. Will open a subscription; the price of a copy in boards to be $2, if within six months of time of publication; and $3, if not subscribed for.

"Two Indian leggings of buckskin ornamented with Indian's hair and porcupine quills, from a nation of Indians high up the Missouri who never but once saw a white man," and given by Zenon Trudeaux, Commandant of St. Louis to Judge Turner, was sent by Judge Turner to the Society.

"An Indian pipe of curious workmanship made of some kind of stone of a beautiful flesh colour, and inlaid with pewter," was presented through Dr. Collin.

A French pamphlet on the Prisons of Philadelphia, by a European, with an English translation, published by St. Mery, was presented by him.

De Brahm's Apocalyptic Gnomon; and later Vols. of Encyclopedia to Vol. XV; presented by Mr. Dobson.

1796. *Feb'y* 19. (Smith, Vice-President; Collin, Priestley, Ellicot [*sic*], Andrews, St. Mery, Parke, B. S. Barton, Bleakley, De Liancour, Page, Blackwell, Vaughan, Peale, Magaw, Patterson.)

"The generation of air from water" a paper by Dr. Priestley, was read.

"Indian antiquities & an account of them" were presented with a letter from Col. Sergeant of the Western Territory, and entrusted to Dr. Barton, who wished to prepare drawings of them for the Society.

The investment of the Magellanic Fund in North American Insurance Company was called up and agreed to.

A French description and drawing of a new animal dis-

covered by M. Beauvois in New Jersey, was ordered to be translated for reading before the Society.

"Mr. Peale presented to the Society a young son of four months and four days old, being the first child born in the Philosophical Hall, and requested that the Society would give him a name. On which the Society unanimously agreed that, after the name of the chief founder & late President of the Society, he should be called *Franklin.*"

1796. *March* 4. (Collin, Peale, Coxe, Magaw, Vaughan, Hodge, Alison [*sic*], Grassi, De Liancourt, Page, Woodhouse, Parke, Ellicot [*sic*], W. Barton, Patterson.)

Beauvois' paper (in English), was read.

1796. *March* 18. (Priestley, Peale, Hodge, Beauvois, R. Smith, Magaw, Woodhouse, Vaughan, Patterson.)

"A geometric demonstration of the common rule for extracting the square root," in a letter from Isaac Story, of Marblehead, was read.

1796. *April* 1. (Wistar, Ellicot [*sic*], Woodhouse, Adet, Peale, Currie, R. Smith, Page, Patterson.)

"On a remarkable stratagem of a little bird called the *Janus exantitor*" in a letter from Mr. John Heckewelder, of Bethlehem, was read.

1796. *April* 15. (McKean, Woodhouse, Coxe, Ellicot [*sic*], Vaughan, Wheeler, Priestley, Peale, Magaw, Barton, Collin, Patterson, St. Mery, Parke, R. Smith, Ruston, Deveze.)

Election of five new members: The Chev. C. R. Freiré, Minister of Portugal to United States; Alex. Leribours, late of Paris, now of Philadelphia*; A. J. Larocque; Mr. Talleyrand Perigord; Revd. Mr. Jas. Abercrombie, of Philadelphia.

* In Catalogue of March, 1880, spelled *Lerebours.*

Treasurer reported the purchase of 33 shares of North American Insurance Company at $15 = $495, "from moneys in his hands arising from the Magellanic Fund . . . ."

1796. *May* 6. (Wistar, Priestley, Deveze, Leribours, Ruston, Ellicott, Wheeler, Patterson, Coxe, Peale, R. Smith.)

A working model of an improved ship's pump, offered by John Blanch, for the Society's premium.

A new method of treating effusions under the skull after fractures, an essay by Dr. Deveze.

Time for receiving papers on Lunar Latitude and Ship's pumps, extended to January 1, 1797; for papers on Lamps, extended to April 1, 1797.

"Corresponding Secretaries" Barton and Bleakley ordered to republish an abstract of the conditions respecting the Magellanic premium, and of the premiums offered by this Society, in the newspapers, and in 200 handbills for distribution.

1796. *May* 20. (Currie, Bleakley, Barton, Andrews, Woodhouse, St. Mery, Abercrombie, Peale, Deveze, R. Smith, Davidson, Wheeler, Duffield, Magaw, Wistar, Vaughan, Patterson.)

Books presented: St. Mery's Descrip. top. et pol. de la partie Espagnole de S. Domingue, I, II; and his *Danse;* J. Ingen-Housz's Essay on the food of plants.

"Conjectures &c [on Sergeant's donations]" by Dr. Barton in a letter to Dr. Priestley.*

1796. *July* 1. *Special Meeting* on Rittenhouse's death. (Adet, Nicholson, Matlack, White and 22 others.)

Resolved "That this Society, deeply affected by the death of their late worthy President, do resolve—That an Eulogium, commemorative of his distinguished talents & services, be publickly pronounced . . . ."

*Vide minutes Feb. 19, 1796.

1796. *July* 5. *Special Meeting* to appoint the orator. (W. Smith, Duponceau, and 20 others.)

"The Society proceeded to the election of a member to prepare & pronounce the Eulogium . . . . Dr. Benjamin Rush was duly chosen." Collin and Patterson to inform him of the fact.

1796. *July* 15. (McKean, Chairman; Bleakley, St. Mery, Pettit, Wheeler, Hodge, Ellicott, Barton, W. Barton, Peale, Nancarrow, Woodhouse, Currie, Patterson.)

Books: Thirteen dissertations, from Thornberger, President of the Upsal University; St. Mery's St. Domingo, and an Inaugural Dissertation on fever by Dr. Caldwell.

Catalogue of the books belonging to the Society, presented, in the form of a draught by Mr. Peale. Bleakley and St. Mery, a Committee "to assist the Curators in comparing the above with the titles of the Books and correcting the same where necessary."

"Telegraph erected between London & Deale," drawing and description, in a letter from H. Hill.

Election of five new members: Dr. Isaac Cathrall, L. E. Duhail, M.D., Consul for Maryland; Don Joseph de Jaudennes [titles]; Joanne Paptista [*sic*] Cuñat, D. C. L., Professor University, Valencia; Don Luis de Urbina, Captain-General, Valencia, and President Royal Society, Valencia.

1796. *Aug.* 19. (Coxe, Peale, Ellicott, Abercrombie, Woodhouse, Wistar, Barton, Vaughan, R. P. Smith, Magaw, Patterson.)

Bleakley and St. Mery to report on the expediency and expense of printing the Catalogue.

Ebeling's Geog. & Hist. description of America; Transactions Philada. College Physicians, Vol. I, Part 1; thanks ordered for both.

Jefferson's letter to Rittenhouse [deceased], describing

Bones of extraordinary size found beyond the Blue Mountains in Virginia, "appearing to be of the Tyger-lion & Panther species," was read by Dr. Barton.

Valltraver's [*sic*] letter to Jefferson, from Altona, September 16, 1796, "proposing an exchange of subjects of natural history." A draft of an answer ordered.

"The causes why the countries in the U. S. are much colder in winter than those in the same latitudes in Europe," and "Why the eastern sides of both the northern continents are colder than the western," a paper by Dr. Barnwell, was read.

The Society's Achromatic Telescope, was ordered to be lent to the Secretary of State, "for the use of the Commissioners in determining the southern boundary between the U. S. & the Spanish territory," "the Curators taking a receipt therefor, with an obligation to replace the same with one of equal goodness in case of any accident happening thereto."

1796. *Sept.* 16. (Peale, Coxe, Vaughan, Hodge, Barton, W. Barton, Woodhouse, Currie, Bleakley, R. P. Smith, Patterson.)

An improvement in street lamps suggested, in a letter from John Hall, of Trenton.

"Supplementum Indicis floræ Lancastriensis," by H. Muhlenberg, presented and ordered for publication.

Jaudennes and Cuñat acknowledged "receipt of their diplomas."

"Hints relative to the Stimulant effects of Camphor upon vegetables," by Dr. Barton, read.

"Facts relative to Henry Moss, a white negroe [*sic*], now in this city," by Dr. Barton, read.

Coxe, W. Barton, Bleakley, Patterson, Committee to "confer with Mrs. Rittenhouse on a proposal made by her through Dr. Barton relative to investing the Observatory of the late President in the Society."

"Observations made with a small zenith sector of 20 inches radius on old French landing at Presqu' Isle to determine the latitude of the town of Erie," by Mr. Ellicott, read.

1796. *Oct.* 7. (Williams, Woodhouse, Vaughan, Barton, W. Barton, Magaw, Grassi, Adet, Peale, Bleakley, Wistar, Patterson.)

Perkinson's proposal, in Valtraver's [*sic*] letter, answer of the Secretaries, read and ordered forwarded; also Perkinson's proposal "to be printed in some of the Papers which have the most extensive circulation throughout the U. S."

Peale added to the Catalogue Committee.

Mrs. Rittenhouse having expressed to the Committee "a desire to invest in the Society the Observatory, with a certain quantity of ground leading thereto,

"*Resolved* that this Society will with the greatest pleasure accept of the trust."

Corresponding Secretaries ordered to distribute "throughout the U. S. & Europe the papers containing the premiums offered by the Society . . . ."

"A communication from Mr. W. Crowley Jourdan relative to the Longitude was presented by Dr. Magaw." Abercrombie, Patterson, Magaw to confer with Jourdan.

Barton and Magaw "to wait on Dr. Smith and apply to him for such books and papers belonging to the Society, as may be in his possession."

1796. *Oct.* 21. (McKean, St. Mery, Morgan, Andrews, Blackwell, Wheler [*sic*], Cathral [*sic*], Hutchins, and 19 others = 27.)

Catalogue Committee reported in favor of printing the Catalogue, estimating the expense for 500 copies at $80. Committee ordered to revise the copy, abridge the titles and "particularize the edition of each work."

"*Resolved,* that in future when any candidate for membership shall have been postponed at two elections, his name shall be considered as withdrawn."

Committee "to confer with Jourdan relative to his paper on the discovery of longitude," desired to report next meeting.

Election of a new member: Dr. C. Caldwell.

Gustavus Carlson's "Museum Carlsonianum," 2 Vols., presented; 3d Vol. kept back for binding.

1796. *Nov.* 4. (12 present.)

R. Smith substituted for Peale on Catalogue Committee.

Recording Secretary ordered to present a schedule of business referred to Committees, unreported. Barton and W. Barton requested to report on their business, March 19th.

1796. *Nov.* 18. (Wistar, Rush, Peale, Duffield, Patterson.)

Journal des Arts et Manufactures, eight numbers, presented. Thanks to M. Lerebours ordered.

Dr. Rush reported that he had prepared the Eulogium on Rittenhouse; Bleakley, Vaughan, Peale, Magaw, Patterson, appointed to report a time and place for its delivery.

Endiometric experiments and observations on sea and land, at different seasons, by Dr. Adam Seybert; paper read by Dr. Wistar.

1796. *Dec.* 2. (Smith, Wistar, Rush, Bleakley, Liancourt, St. Mery, Peale, Barton, Patterson.)

Eulogium Committee reporting "they had obtained the privilege of the [First] Presbyterian church in Market street," "proposed Saturday the 17th instant at noon . . . ." [Here follows a list of invitations, as in the case of the Eulogy on Franklin, commencing with "The President of the U. S. & his family," and closing with "College of Phy-

sicians, Family of Mrs. Rittenhouse, Mr. Benjamin Rittenhouse, Family of Dr. Rush."]—"The former Com. to be continued for the purpose of carrying the above into effect."

"Mr. Vaughan from the Committee relative to the insuring of the Hall, reported that the insurance could be effected by the Ins. Co. of N. A. at 30 cents on 100 dollars on house or furniture per annum."

St. Mery presented a copy of "Idée generale . . . des sciences . . . a l'usage de la Jeunesse, 12mo."

Ordered, that the Society meet at their Hall at 11 A. M. December 17th, and proceed to the Church.

1796. *Dec.* 16. (16 present.)

Peale and Vaughan "appointed to superintend & direct the introduction of the public bodies &c to their seats tomorrow in the Church . . . ."

"It was moved & agreed that certain characters highly respectable, who have not yet been invited, should have tickets of invitation sent to them as soon as possible, viz. Mr. Boudinot, Director of the Mint, Dr. Way, Treasurer of the Mint, Mr. Meredith, Treas. U. S., Mr. Steele, Comptroller of the Treasury, Mr. Harrison, Auditor of the Treasury, Mr. Nourse, Register of the Treasury, Mr. Francis, Purveyor of the Treasury, Mr. Habersham, Postmaster General, Mr. Lee, Attorney General."

A Committee to amend existing rules for adjudging the Magellanic premium: Ingersoll, Dr. Smith, Patterson, Coxe and Williams.

Jourdan could give to the Committee on his letter, no further information than was contained in the letter itself.

The Michaux Committee (April, 1793,) reported that "Mr. Michaux's proposed plan . . . . had failed."

"The Society continue this present meeting by adjournment till this day fortnight."

1796. *Dec.* 17. at 11 A. M. (31 present.)

Procession to the Church. Eulogium on Rittenhouse by Dr. Rush, " before a crowded & respectable audience."

Return to the Hall. Thanks voted to Dr. Rush "for his eloquent, learned, comprehensive & just Eulogium . . . ." and copy requested for publication. Thanks also to " the Corporation of the First Presbyterian Church" for the " use of their large elegant Building on High street . . . ."

1796. *Dec.* 21. *Special Meeting.* [Continued by adjournment.] (15 present.)

Committee to agree with a Bookseller for printing the Eulogium, " reserving to the Society a certain number of copies for . . . . donations, and stipulating for the right of having it reprinted and inserted by the printer of their Transactions in one of their volumes." Bleakley, Patterson, W. Barton, Committee of arrangement to draw on the Treasurer for expenses incurred.

1796. *Dec.* 30. *Adjourned Meeting.* (Doctors Smith, Collin, Barton, Woodhouse, Cathrall, Magaw, Wistar, and Messrs. W. Barton, Blakeley, Patterson, Peale, Williams.)

" Remarks on Education . . . . Virtue & Wisdom . . . . Liberal Education," &c. A dissertation presented.

" A letter to the A. P. S. in answer to their first prize question . . . . best system of Liberal Education & Literary Instruction," &c.

" Essay on Education," " contents on 2d page," in all 200 pages.

" Sealed letters accompany the above severally."

Committee reported any change in the rules inexpedient.

"On fireplaces;" a communication for the premium.

Rules reported by the officers, at a meeting held on the 23d inst., considered and postponed. Notice of final discussion at a following meeting ordered.